	Please type a plansing (+) inside this box		e e e e e e e e e e e e e e e e e e e				
ſ	MADEMAR	Complete if Known					
	Substitute for form 1449A/B/PTO	Application Number	Unassigned	_			
1	INFORMATION DISCLOSURE	Filing Date	August 20, 2001	٥			
3		First Named Inventor	Zaleski	ζ			
l	STATEMENT BY APPLICANT	Group Art Unit	Unassigned				
١	(Lise as many sheets as necessary)	Examiner Name	Unassigned				

	100	RADEMIRA		_	Comple	te if Known	72
Substitute fo	r form 144	49A/B/PTO		Application Number	Unassi	gned	
INIE		ATION DISC	I OSLID	Filing Date	August	20, 2001	16, 1
				I First Named Inventor	Zaleski	7	2
51	AILI	MENT BY AP	PLICAN	Group Art Unit	Unassi	gned	120
	(Use	as many sheets as nec	essarv)	Examiner Name	Unassi	gned	19, 00
Sheet	T'	1 of	1	Attorney Docket Number	212691		Non CA
							En
				U.S. PATENT DOCUMENTS			90
_		U.S. Patent Do	cument				E. 5
Examiner Initials	Doc. No.	Application or Patent Number	Kind Code	Name of Patentee or Applica	ant	Date of Publication	Filing Date If Appropriate
	AA	5,371,199		Therien et al.		Dec. 6, 1994	
	AB	5,986,090		Therien et al.		Nov. 16, 1999	
•	AC	6,043,237		Meadows et al.		Mar. 28, 2000	
	<u> </u>	_	-				
	ļ		_				
			-				
			 	<u> </u>			
-		_					· -
•							
		1	1				

•		-	· · · · · · · · · · · · · · · · · · ·	FOREIGN	N PATENT DOCUMENTS			
		Fo	oreign Patent Docume	nt			Trans	
Examiner Initials	Doc. No.	Office	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Yes	No*+
				ļ				ļ
				 				
								<u> </u>

Doc. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item				
No.	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No*+	
AD	Nicolaou et al. "Molecular Design and Chemical Synthesis of Potent Enediynes" <i>Chem. Abst.</i> , Vol 117: 233658v and 233659w, page 835 (1992)	_		
ΑE	Search report for international patent application no. PCT/US00/04915 dated August 15, 2000			
	AD	hoc. No. (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published. AD Nicolaou et al. "Molecular Design and Chemical Synthesis of Potent Enediynes" Chem. Abst., Vol 117: 233658v and 233659w, page 835 (1992) AE Search report for international patent application no. PCT/US00/04915 dated August 15,	Doc. No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published. AD Nicolaou et al. "Molecular Design and Chemical Synthesis of Potent Enediynes" Chem. Abst., Vol 117: 233658v and 233659w, page 835 (1992) AE Search report for international patent application no. PCT/US00/04915 dated August 15,	

Examiner Signature	Date Considered	

A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

Please type a plus	sign (+) inside this (5):	XLP A	E C			1	*
		1 0 2003	=		Complete if Known 🙏	7	<u></u>
Substitute for for	т 1449A/B/РТО М	, -	4	Application Number	09/913,924	1/2	<u> </u>
			SCHOL	Filing Date	August 20, 2001	, 7	ता
OTA	RMATION B	HIND	ZUSUKE	First Named Inventor	Jeffrey M. ZALESKI	20	- 7
SIA	IEMENIB	YAPP	LICANI	Group Art Unit	Unassigned	19 7	3 5
	(Use as many shee	ets as neces	ssary)	Examiner Name	Unassigned	00	05
Sheet	1	of	7	Attorney Docket Number	212691	2	
				***************************************	•	- 62	

		U.S. Patent Document						
Examiner Initials	Doc. No.		1	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
	AF	09/962,388		Zaleski et al.		09/25/01		
-								
-								

	FOREIGN PATENT DOCUMENTS									
			oreign Patent Docume	nt			Translation			
Examiner Initials	Doc. No.	Office	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Yes	No**		
•										

	1	OTHER - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item	Trans	slation
Examiner Initials	Doc. No.	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No*+
	AG	ALI et al., "Metal Complexes as Photo- and Radiosensitizers," Chem. Rev., 99, 2379-2450 (1999)		
	АН	BASAK et al., "The Synthesis and Reactivity of Novel Azetidinyl Enediynes," Chem. Commun., 749-750 (1996)		
	AI	BERGMAN, "Reactive 1,4-Dehydroaromatics," Accounts of Chemical Research, 6, 25-31 (1973)		
	AJ	BONADIES et al., "Vanadium Phenolates as Models for Vanadium in Biological Systems. 1. Synthesis, Spectroscopy, and Electrochemistry of Vanadium Complexes of Ethylenebis [(o-hydroxyphenyl)glycine] and Its Derivatives," <i>J. Am. Chem. Soc.</i> , 108, 4088-4095 (1986)		
•	AK	BONNETT, "Photosensitizers of the Porphyrin and Phtalocyanine Series for Photodynamic Therapy," Chem. Soc. Reviews, 24, 19-33 (1995)		
	AL	BOYLE et al., "Structure and Biodistribution Relationships of Photodynamic Sensitizers," <i>Photochemistry and Photobiology</i> , 64 (3), 469-485 (1996)		
	AM	BRANCA et al., "Formation and Structure of the Tris(catecholato)vanadate(IV) Complex in Aqueous Solution," <i>Inorg. Chem.</i> , 29, 1586-1589 (1990)		
	AN	CHAPMAN et al., "9,10-Dehydroanthracene. A Derivative of 1,4-Dehydrobenzene," J. Am. Chem. Soc., 98 (18), 5703-5705 (1976)		
	AO	CHRISTNER et al., "Unmasking the Chemistry of DNA Cleavage by the Esperamicins: Modulation of 4'-Hydrogen Abstraction and Bistranded Damage by the Fucose-Anthranilate Moiety," J. Am. Chem. Soc., 114, 8763-8767 (1992)		
	AP	CHURCHER et al., "Synthesis of the Enediyne Aglycon (+)-Calicheamicinone," J. Am. Chem. Soc., 120, 3518-3519 (1998)		

Examiner Signature		Date Considered	
	·		L

^{*} A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

5	sign (+) inside this	\rightarrow $+$				2	
RADE	<i>^</i> .				Compl te if Known	1.	1
ubstitute for for	m 1449A/B/PTO			Application Number	09/913,924	0/	ネ
INIEO	DMATIO	N DISCLO	SUIDE	Filing Date	August 20, 2001	2.	V
				First Named Inventor	Jeffrey M. ZALESKI	C 0	
STAI	EMENI	BY APPL	ICANI	Group Art Unit	Unassigned	7	3.
	(Use as many s	heets as necess	ary)	Examiner Name	Unassigned	8	-
Sheet	2	of	7	Attorney Docket Number	212691	B	

U.S. PATENT DOCUMENTS									
		U.S. Patent Do	cument						
Examiner Initials	Doc. No.	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate			
•									

				FOREIGI	N PATENT DOCUMENTS			
		Fo	oreign Patent Docume	nt			Translation	
Examiner Initials	Doc. No.	Office	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Yes	No*+
				<u> </u>				-
•								

		OTHER - NON PATENT LITERATURE DOCUMENTS		slation				
Examiner Initials	Doc. No.	C. (hook magazine journal corial symposium catalog etc.) date page(s) volume issue number (s) publisher						
	AQ	CUMMINGS et al., "Luminescent Platinum (II) Complexes of Quinoxaline-2,3-dithiolate," Inorg. Chem., 34, 2007-2014 (1995)						
	AR	CUMMINGS et al., "Tuning the Excited-State Properties of Platinum (II) Diimine Dithiolate Complexes," <i>J. Am. Chem. Soc.</i> , 118, 1949-1960 (1996)						
	AS	DAI et al., "Synthesis and DNA Clavage Study of a 10-Membered Ring Enediyne Formed via Allylic Rearrangement," <i>J. Org. Chem.</i> , 64, 682-683 (1999)						
	АТ	EVENZAHAV et al., "Photochemical Rearragement of Endiynes: Is a "Photo-Bergman" Cyclization a Possibility?" <i>J. Am. Chem. Soc.</i> , 120, 1835-1841 (1998)						
	ΑU	FUNK et al., "Photochemical Cycloaromatization Reactions of <i>ortho</i> -Dialkynylarenes: A New Class of DNA Photocleaving Agents," <i>J. Am. Chem. Soc.</i> , 118, 3291-3292 (1996)						
	AV	GOLIK et al., "Esperamicins, a Novel Class of Potent Antitumor Antibiotics. 2. Structure of Esperamicin X," J. Am. Chem. Soc., 109, 3461-3462 (1987)						
· · · · · · · · · · · · · · · · · · ·	AW	GOLIK et al., "Esperamicns, a Novel Class of Potent Antitumor Antibiotics. 3. Structures of Esperamicins A1, A2, and A1b," <i>J. Am. Chem. Soc.</i> , 109, 3462-3464 (1987)						
	АХ	HANGELAND et al., "Specific Abstraction of the 5'(S)- and 4'-Deoxyribosyl Hydrogen Atoms from DNA by Calicheamicin γ_1 ," J. Am. Chem Soc., 114, 9200-9202 (1992)						
	AY	HOLMES et al., "Models for the Binding Site in Bromoperoxidase: Mononuclear Vanadium (V) Phenolate Complexes of the Hydridotris(3,5-dimethylpyrazolyl)borate Ligand," <i>Inorg. Chem.</i> , 30, 1231-1235 (1991)						
	AZ	KANEKO et al., "Photochemical Cycloaromatization of Non-Benzenoid Enediynes," Angew. Chem. Int. Ed., 38 (9), 1267-1268 (1999)						
,	ВА	KIM et al., "Rapid Bergman Cyclization of 1,2-Diethynylheteroarenes," J. Org. Chem., 63, 8229-8234 (1998)						
	ВВ	KONIG et al., "Activation of Macrocyclic Biaryl-Enediynes by Metal Ion Coordination," Angew. Chem. Int. Ed. Engl., 34 (22), 2538-2540 (1995)						

Examiner Signature	Date Considered	
LL		

A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

Please type a plus s	sign (*) inside this b	xx → 🕂				2
TADENAR	7				Complete if Known 🔆	1
Substitute for form	1 1449A/B/PTO			Application Number	09/913,924	6 0 K
INFO	RMATION	I DISCI	OCUPE	Filing Date	August 20, 2001	8/1
				First Named Inventor	Jeffrey M. ZALESKI	(o o x
STAI	EMENT E	3Y APPI	LICANI	Group Art Unit	Unassigned	1/2 1/3
(Use as many she	eets as neces:	sary)	Examiner Name	Unassigned	8
Sheet	3	of	7	Attorney Docket Number	212691	E.

			U.	S. PATENT DOCUMENTS		
U.S. Patent Document		cument				
Examiner Initials	Doc. No.	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
•		_				ļ.,
						<u> </u>
		•				

				FOREIG	N PATENT DOCUMENTS			
		F	oreign Patent Docume	nt			Trans	lation
Examiner Initials	Doc. No.	Office	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Yes	No*+
				<u> </u>				
				<u> </u>				
				<u> </u>				
				1				

Examiner	Doc	Doc. No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, Ye					
Initials	No.	. I (book magazine journal carial cymnocium catalog etc.) date nage(c) yolume-iccue number(c) nublicher I		No*+			
	ВС	KONIG et al., "Synthesis, Structure, and Reactivity of Enediyne Macrocycles," <i>J. Org. Chem.</i> , 61, 4258-4261 (1996)					
	BD	KUSAKABE et al., "Conformation-Selective DNA Strand Breaks by Dynemicin: A Molecular Wedge into Flexible Regions of DNA," <i>Biochemistry</i> , 32, 11669-11675 (1993)					
	BE	LEE et al., "Calicheamicins, a Novel Family of Antitumor Antibiotics. 4. Structure Elucidation of Calicheamicins β_1^{Br} , γ_1^{Br} , α_2^{I} , α_3^{I} , β_1^{I} , γ_1^{I} , and δ_1^{I} ," <i>J. Am. Chem. Soc.</i> , 114, 985-997 (1992)					
	BF	LEET et al., "Chemistry and Structure Elucidation of the Kedarcidin Chromophore," <i>J. Am. Chem. Soc.</i> , <i>115</i> , 8432-8443 (1993)					
	BG	LI et al., "Vanadium Complexes of the Tridentate Schiff Base Ligand N-Salicylidene-N'- (2-hydroxyethyl)ethylenediamine: Acid-Base and Redox Conversion between Vanadium (IV) and Vanadium (V) Imino Phenolates," <i>Inogr. Chem.</i> , 27, 4657-4664 (1988)					
	вн	LOCKHART et al., "Evidence for the Reactive Spin State of 1,4-Dehydrobenzenes," <i>J. Am. Chem. Soc.</i> , 103, 4091-4096 (1981)					
	ВІ	MAGNUS et al., "Synthetic and Mechanistic Studies on Esperamicin A_1 and Calicheamicin y_1 . Molecular Strain Rather Than π -Bond Proximity Determines the Cycloaromatization Rates of Bicyclo[7.3.1] Enediynes," <i>J. Am. Chem. Soc.</i> , 112, 4986-4987 (1990)					
	BJ	MAIER, "Design of Enediyne Prodrugs," Synlett, 13-26 (1995)					
	вк	MARTHUR et al., "Cytosine Methylation Enhances DNA Damage Produced by Groove Binding and Intercalating Enediynes: Studies with Esperamicins A1 and C," Biochemistry, 36, 14868-14873 (1997)					
-	BL	MINAMI et al., "Structure of an Aromatization Product of C-1027 Chromophore," Tetrahedron Letters, 34 (16), 2633-2636 (1993)					

Examiner Signature	Date Considered		
	1	I	

^{*} A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

Please type a plu	us sign (+) inside this	PP+E				
	• -	0 20	<u>(,)</u>		Complete if Known C	勽
Substitute for fo	orm 1449A/B/PTO	and 10 D		Application Number	09/913,924	S
INE) DMATIČA	i Disc	LASUPE	Filing Date	August 20, 2001	4
OTA	DRMATION TEMENT		E ICANIT	First Named Inventor	Jeffrey M. ZALESKI	$\overline{}$
SIA	HEMENI	SY-CAP	PLICANI	Group Art Unit	Unassigned 6	2
	(Use as many sh	eets as nec	essary)	Examiner Name	Unassigned	
Sheet	4	of	7	Attorney Docket Number	212691	

U.S. PATENT DOCUMENTS									
U.S. Pate		U.S. Patent Do	cument						
Examiner Initials	Doc. No.	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate			
•									

			· · · · · · · · · · · · · · · · · · ·	FOREIGI	N PATENT DOCUMENTS			
		Fo	oreign Patent Documer	nt			Translation	
Examiner Initials	Doc. No.	Office	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Yes	No*+
•								

		OTHER - NON PATENT LITERATURE DOCUMENTS		slation			
Examiner Initials	Doc. No.	(hook magazine jaurnal agrial symposium catalog etc.) data paga(s) valuma issua nymbar (s) nyhlishar					
,	ВМ	MYERS et al., "Design and Synthesis of a System of Enediyne Formation by Anthraquinone Reductive Activation," <i>J. Am. Chem. Soc.</i> , <i>114</i> , 5859-5860 (1992)					
	BN	MYERS et al., "Total Synthesis of (+)-Neocazinostatin Chromophore," J. Am. Chem. Soc., 120, 5319-5320 (1998)					
	ВО	KAPPEN et al., "Replication Block by an Enediyne Drug-DNA Deoxyribose Adduct," Biochemistry, 38, 235-242 (1999)					
	ВР	NICOLAOU et al., "Cyclic conjugated Enediynes Related to Calicheamicins and Esperamicins: Calculations, Synthesis, and Properties," <i>J. Am. Chem. Soc.</i> , 110, 4866-4868 (1988)					
	ВQ	NICOLAOU et al., "Synthesis and Chemistry of Dynemicin A Models," J. Am. Chem. Soc., 113, 3106-3114 (1991)					
	BR	NICOLAOU et al., "Enediyne Compounds equipped with Acid-, Base- and Photo- Sensitive Triggering Devices. Chemical Simulation of the Dynemicin A Reaction Cascade," <i>Angew. Chem. Int. Ed. Engl.</i> , 30 (8), 1032-1036 (1991)					
	BS	NICOLAOU et al., "Design, Synthesis, and Study of Simple Monocyclic Conjugated Enediynes. The 10-Membered Ring Enediyne Moiety of the Enediyne Anticancer Antibiotics," <i>J. Am. Chem. Soc.</i> , <i>114</i> , 7360-7371 (1992)					
-	ВТ	NICOLAU et al., "Redox-Controlled Bergman Cycloaromatizations. Designed Enediynes with DNA-Cleaving Properties and Antitumor Activity," <i>J. Am. Chem. Soc.</i> , 114, 9279-9282 (1992)					
	BU	NICOLAOU et al., "Chemistry and Biology of Natural and Designed Enediynes," Proc. Natl. Acad. Sci. USA, 90, 5881-5888 (1993)					
	BV	O'BRIEN et al., "Action Spectra of the Antileukemic and Antiviral Activities of Merocyanine 540," <i>Photochemistry and Photobiology</i> , <i>54</i> (5), 851-854 (1991)					

Examiner Signature	Date Considered		
1		i e	

^{*} A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

lease type a plus	sign (#) inside this box	→ [‡]				
TE TRADEN	<u> </u>				Complete if Known	- AT
	m 1449A/B/PTO			Application Number	09/913,924	2 6 C
INEO	RMATION [neci	OSLIDE	Filing Date	August 20, 2001	2 - 1
				First Named Inventor	Jeffrey M. ZALESKI	100
SIAI	TEMENT BY	APP	LICANI	Group Art Unit	Unassigned	7. 7
	(Use as many sheets	s as neces	ssary)	Examiner Name	Unassigned	100 G
Sheet	5	of	7	Attorney Docket Number	212691	2

			, U .	S. PATENT DOCUMENTS		
		U.S. Patent Document				
Examiner Initials	Doc. No.	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate

				FOREIG	N PATENT DOCUMENTS			
		Fo	oreign Patent Documer	nt			Trans	slation
Examiner Initials	Doc. No.	Office	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Yes	No*+
·				-				
-				+				

		OTHER - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Trans Yes	lation No*+
	ВW	OSEROFF et al., "Strategies for Selective Cancer Photochemotherapy; Antibody- Targeted and Selective Carcinoma Cell Photolysis," <i>Photochemistry and Photobiology</i> , 46 (1), 83-96 (1987)		
	ВХ	PANDEY et al., "Porphyrin Dimers as Photosensitizers in Photodynamic Therapy," <i>J. Med. Chem.</i> , 33, 2032-2038 (1990)		
	ВΥ	PANDEY et al., "Synthesis, Photophysical Properties, <i>in Vivo</i> Photosensitizing Efficacy, and Human Serum Albumin Binding Properties of Some Novel Bacteriochlorins," <i>J. Med. Chem.</i> , 40, 2770-2779 (1997)		
	BZ	RAMKUMAR et al., "Cyclization of Enediyne Radical Cations through Chemical, Photochemical, and Electrochemical Oxidation: The Role of State Symmetry," <i>J. Org. Chem.</i> , 61, 2247-2250 (1996)		
	CA	RESSLER et al., "Creating New Photosensitizers for Cancer Therapy," Chemtech, 28 (3), 39-45 (1998)		
	СВ	SCHREINER, "Cyclic Enediynes: Relationship between Ring Size, Alkyne Carbon Distance, and Cyclization Barrier," <i>Chem. Commun.</i> , 483-484 (1998)		
	СС	SCHREINER, "Monocyclic Enediynes: Relationships between Ring Sizes, Alkyne Carbon Distances, Cyclization Barriers, and Hydrogen Abstraction Reactions. Sunglet-Triplet Separtions of Methyl-Subsittuted <i>p</i> -Benzynes," <i>J. Am. Chem. Soc.</i> , 120, 4184-4190 (1998)		
	CD	SESSLER et al., "Texaphyrins: Synthesis and Applications," Acc. Chem. Res., 27, 43-50 (1994)		
	CE	SHAIN et al., "The Synthesis and Reactivity of a Novel 10-Membered Azaenediyne," Tetrahedron Letters, 38 (34), 6067-6070 (1997)		

Examiner Signature	Date Considered	

A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

Please type a plu	s sign (+) inside the pox	丹				<u>ነ</u>
		0 2003	2		Complete if Known	
Substitute for fo	orm 1449A/8/PT	, -	<i>3</i>	Application Number	09/913,924	
INIEC	DMATKOMI	DIGE	OSUDE	Filing Date	August 20, 2001	TY.
OTA	ORMATION, TEMENT B	AD:	PLICANT	First Named Inventor	Jeffrey M. ZALESKI	0 4
SIA	I EMENI B	YAP	PLICANI	Group Art Unit	Unassigned	E 1
	(Use as many sheet	ts as nec	essary)	Examiner Name	Unassigned &	5
Sheet	6	of	7	Attorney Docket Number	212691	Ź
					——————————————————————————————————————	72

			U.	S. PATENT DOCUMENTS		
		U.S. Patent Document				
Examiner Initials	Doc. No.	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
<u>.</u>					<u> </u>	
						l

				FOREIGI	N PATENT DOCUMENTS			
		Fo	oreign Patent Docume	nt			Trans	slation
Examiner Initials	Doc. No.	Office	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Yes	No*+
•								

		OTHER - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Trans Yes	lation No*+
	CF	SHAIR et al., "The Total Synthesis of Dynemicin A Leading to Development of a Fully Contained Bioreductively Activated Endiyne Prodrug," <i>J. Am. Chem. Soc.</i> , 118, 9509-9525 (1996)		
	CG	SHIRAKI et al., "Visible Light Induced DNA Cleavage by the Hybrid Antitumor Antibiotic Dynemicin A," <i>Biochemistry</i> , 29, 9795-9798 (1990)		
	СН	SMITH et al., "The Enediyne Antibiotics," Journal of Medicinal Chemistry, 39 (11), 2103-2117 (1996)		
	CI	SUGIURA et al., "DNA Intercalation and Cleavage of an Antitumor Antibiotic Dynemicin that Contains Anthracycline and Enediyne Cores," <i>Proc. Natl. Acad. Sci. USA</i> , 87, 3831-3835 (1990)		
	CJ	TURRO et al., "Photochemical Analogue of the Bergman Cycloaromatization Reaction," Tetrahedron Letters, 35 (44), 8089-8092 (1994)		
	СК	WARNER et al., "Controlled Acceleration and Inhibition of Bergman Cyclization by Metal Chlorides," Science, 269, 814-816 (1995)		
	CL	WELLS, "Cancer Gets the Red Light. Pharmacyclics, Inc.," Chemistry & Biology, 4 (10), 775-776 (1997)		
	СМ	WENDER et al., "A Photochemically Triggered DNA Cleaving Agent: Synthesis, Mechanistic and DNA Cleavage Studies on a New Analog of the Antitumor Antibiotic Dynemicin," J. Org. Chem., 58 (22), 5867-5869 (1993)		
	CN	WISNIEWSKI GRISSOM et al., "Determination of the Activation Parameters for the Bergman Cyclization of Aromatic Enediynes," <i>J. Org. Chem.</i> , 59, 5833-5835 (1994)		
	СО	XI et al., "Mechanistic Studies on the Base-Catalyzed Transformation of Neocarzinostatin Chromophore: Roles of Bulged DNA," <i>Biochemistry</i> , 38, 4342-4354 (1999)		

Examiner Signature	Date Considered	

A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

RADENA	4				Complete if Known	i m
Substitute for f	form 1449A/B/PTO			Application Number	09/913,924	260
INE	ORMATIO	א טופר	LOSLIDE	Filing Date	August 20, 2001	C. 2. 1
				First Named Inventor	Jeffrey M. ZALESKI	1/2 0
SIA	TEMENT	BY AP	PLICANT	Group Art Unit	Unassigned	8 2
	(Use as many st	neets as nece	essary)	Examiner Name	Unassigned	6
Sheet	7	of	7	Attorney Docket Number	212691	2

			U.	S. PATENT DOCUMENTS		
Examiner Initials	Doc. No.	U.S. Patent Document				
		Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
•		·		- <u></u>		
	1					
					ł	

FOREIGN PATENT DOCUMENTS								
		Foreign Patent Document					Translation	
Examiner Initials	Doc. No.	Office	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Yes	No*+
-								

Funning:	Doo	OTHER - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.		Translation	
Examiner Initials	Doc. No.			No*1	
-	CP	XU et al., "Mechanism of Formation of Novel Covalent Drug DNA Interstrand Cr0ss- Links and Monoadducts by Enediyne Antitumor Antibiotics," <i>Biochemistry</i> , 36, 14975- 14984 (1997)			
	CQ	XU et al., "DNA Damage Produced by Enediynes in the Human Phosphoglycerate Kinase Gene in Vivo: Esperamicin A1 as a Nucleosome Footprinting Agent," Biochemistry, 37, 1890-1897 (1998)			
	CR	ZEIN et al., "Calicheamicin γ ₁ ": An Antitumor Antibiotic That Cleaves Double-Stranded DNA Site Specifically," Science, 240, 1198-1201 (1988)			
	CS	ZEIN et al., "Exclusive Abstraction of Nonexchangeable Hydrogens from DNA by Calicheamicin y1," J. Am. Chem. Soc., 111, 6888-6890 (1989)			
	СТ	ZEIN et al., "Calicheamicin γ ₁ and DNA: Molecular Recognition Process Responsible for Site-Specificity," <i>Science</i> , <i>244</i> , 697-699 (1989)			
	!				
-			-		

Examiner Signature	Date Considered	
	·	

^{*} A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).